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Morbidity and Mortality Weekly Report

PUBLIC HEALTH SERVICE
U.S. DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE

Prepared by the COMMUNICABLE DISEASE CENTER MElrose 4-5131

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Provisional Information on Selected Notifiable Diseases in the United States and on Deaths in Selected Cities for Week Ended April 22, 1961

Hepatitis – The sustained high incidence continues (see graph, page 2). A total of 1,821 cases was reported, an increase over the 1,693 reported one week ago. States contributing significantly to this increase include New York, Pennsylvania, Maryland, Ohio, Indiana, Illinois, Kentucky, Alabama, Oklahoma, and California.

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EPIDEMIOLOGICAL REPORTS

Staphylococcal Food Poisoning – Minnesota

Twenty persons, ages one through 60 years, attended a family turkey dinner served at 5:00 p.m., March 12, 1961, at New Brighton, Ramsey County. Five to 6 hours later all became ill with abdominal cramps, nausea, diarrhea, and some prostration with recovery following in about 24 hours. The menu included roast turkey, dressing, and gravy. On March 14, cultures of these items were obtained which showed coagulase-positive *Staphylococcus aureus*. Cultures of the other foods failed to grow anything of significance.

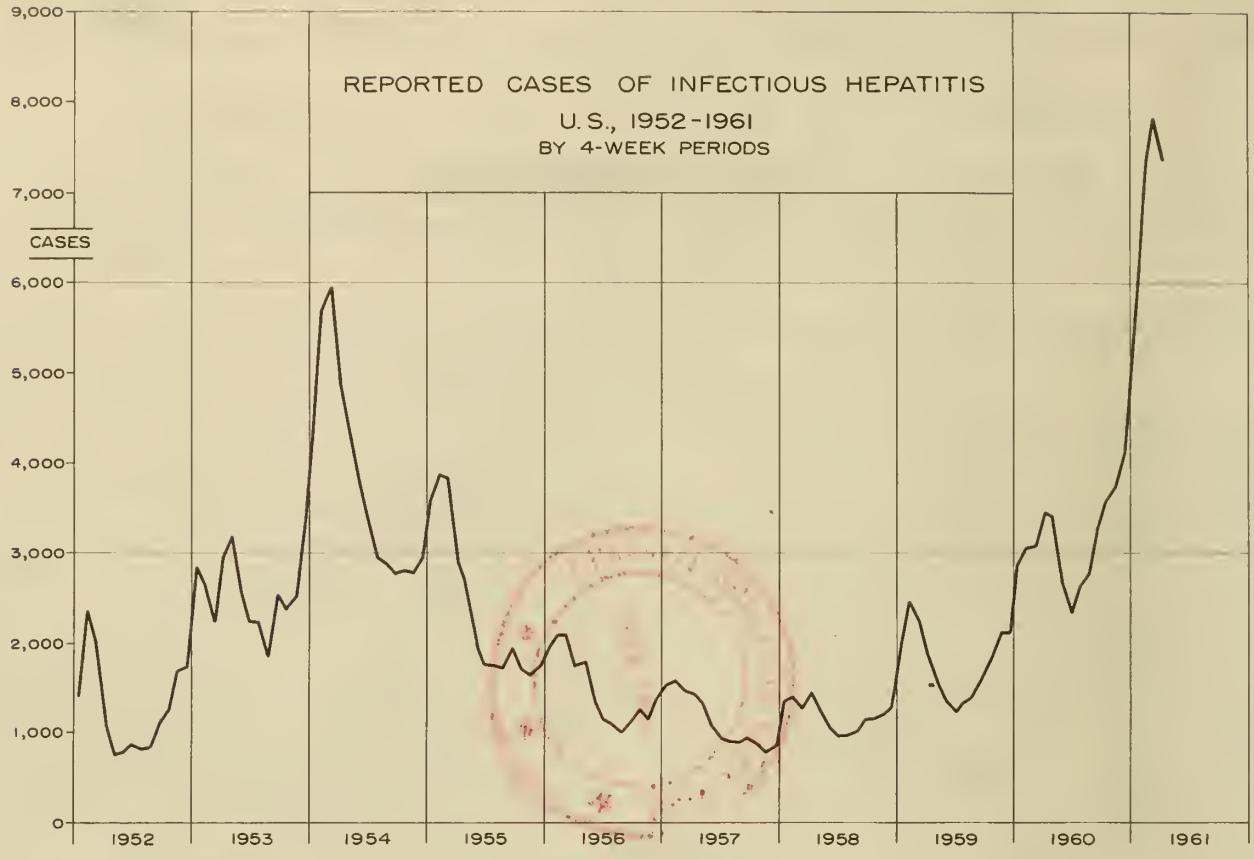
The frozen turkey was purchased on March 10, and thawed until Saturday morning March 11, when it was stuffed with a bread dressing and roasted at 350° for 5½ to 6 hours at a commercial bakery. It was delivered to the customer at about 3:00 p.m., when it was uncovered for

Table I. Cases of Specified Notifiable Diseases: United States

(Cumulative totals include revised and delayed reports through previous week)

Disease (Seventh Revision of International Lists, 1955)	16th Week			Cumulative						Approximate seasonal low point
				First 16 weeks			Since seasonal low week			
* Weekly incidence low or sporadic --- Data not available - Quantity zero	Ended April 22, 1961	Ended April 23, 1960	Median 1956-60	1961	1960	Median 1956-60	1960-61	1959-60	Median 1955-56 to 1959-60	
Anthrax-----062	-	-	*	1	6	*	*	*	*	*
Botulism-----049.1	-	-	*	4	3	*	*	*	*	*
Brucellosis (undulant fever)-----044	9	11	18	167	248	243	*	*	*	*
Diphtheria-----055	7	8	14	229	251	298	809	788	999	July 1
Encephalitis, infectious-----082	21	31	29	411	432	387	411	432	387	Jan. 1
Hepatitis, infectious, and serum-----092,N998.5 pt.	1,821	810	457	28,633	12,377	7,856	43,840	20,196	13,350	Sept. 1
Malaria-----110-117	1	1	*	11	15	*	*	*	*	*
Measles-----085	17,580	18,619	20,794	200,871	204,411	246,870	237,081	239,855	283,539	Sept. 1
Meningitis, aseptic-----340 pt.	28	29	---	389	452	---	389	452	---	Jan. 1
Meningococcal infections-----057	46	35	47	798	853	914	1,454	1,550	1,712	Sept. 1
Poliomyelitis-----080	3	13	19	127	252	350	24	36	57	Apr. 1
Paralytic-----080.0,080.1	3	9	13	79	182	247	19	28	39	Apr. 1
Nonparalytic-----080.2	-	4	3	26	42	58	1	6	10	Apr. 1
Unspecified-----080.3	-	-	3	22	28	45	4	2	8	Apr. 1
Psittacosis-----096.2	1	-	*	18	34	*	*	*	*	*
Rabies in man-----094	-	-	*	2	-	*	*	*	*	*
Streptococcal sore throat, including scarlet fever-----050,051	8,161	7,384	---	150,463	138,050	---	248,115	---	---	Aug. 1
Typhoid fever-----040	14	10	12	155	161	221	40	34	41	Apr. 1
Typhus fever, endemic-----101	-	3	*	9	9	*	*	*	*	*
Rabies in animals-----	79	80	104	1,124	1,340	1,617	1,700	2,324	2,399	Oct. 1

Figures for current week exclude missing report from Wyoming (State Holiday)



The graph shows reported hepatitis cases in the United States by 4-week periods since 1952. The recent period ending April 22 has slightly less cases than the preceding 4-week interval which is reflected by the current downward deflection of the graph. The 1961 cumulative total for the 16-week period is 28,633 cases, well over the 12,377 cases reported during the comparable period one year ago.

about 15 minutes to remove some dressing and then placed in a basement garage overnight. On March 12, the night of the dinner, it was reheated for 2 hours at 320° F. before serving. Everyone ate turkey but some of the guests omitted other items on the menu. At the time of investigation it was noted that there was evidence of putrefaction in the turkey and there was a putrefactive odor despite the leftovers having been refrigerated following the meal. At the time of serving it was felt the turkey was well done and tasty.

(Submitted by Dr. D. S. Flemming, Director, Division of Disease Prevention and Control, Minnesota Department of Health.)

Trichinosis – Pennsylvania

During the period January 1 through early February, 23 cases of trichinosis were reported to the Pennsylvania Department of Health. They originated from three counties: Bucks – 6 cases, Lehigh – 4 cases, and Northampton – 13 cases. Nine males and 14 females were involved. The vehicle of infection was smoked sausage manufactured by a farmer in one of the counties. Most of the patients admitted eating the sausage raw. Eight samples of the raw sausage obtained from households of the patients and the farmer were tested and two found positive of trichinae. There has not been any evidence accumulated to date of garbage feeding to any of the hogs.

(Submitted by the Pennsylvania Department of Health).

INTERNATIONAL NOTES

Influenza – Dr. S. B. Clark, Chief, Division of Preventive Medicine and Quarantine, Panama Canal Zone Health Bureau, reported that an outbreak of influenza-like illness occurred on the PRESIDENT GRANT – cargo liner, between March 10th and 15th, 1961, involving 14 of

(Continued on page 8)

Table 2. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES, EACH DIVISION AND STATE, AND PUERTO RICO, FOR WEEKS ENDED APRIL 23, 1960 AND APRIL 22, 1961

(By place of occurrence. Numbers under diseases are category numbers of the Seventh Revision of the International Lists, 1955)

Area	Poliomyelitis 080										Meningitis, aseptic	Brucellosis (undulant fever)
	Total (Includes cases not specified by type)				Paralytic 080.0,080.1				Nonparalytic			
	16th Week		Cumulative, first 16 weeks		16th Week		Cumulative, first 16 weeks		080.2		340 pt.	044
	1961	1960	1961	1960	1961	1960	1961	1960	1961	1960	1961	1961
UNITED STATES	3	13	127	252	3	9	79	182	-	4	28	9
NEW ENGLAND	-	-	3	7	-	-	3	7	-	-	-	-
Maine	-	-	-	3	-	-	-	3	-	-	-	-
New Hampshire	-	-	-	-	-	-	-	-	-	-	-	-
Vermont	-	-	-	-	-	-	-	-	-	-	-	-
Massachusetts	-	-	2	4	-	-	2	4	-	-	-	-
Rhode Island	-	-	-	-	-	-	-	-	-	-	-	-
Connecticut	-	-	1	-	-	-	1	-	-	-	-	-
MIDDLE ATLANTIC	2	1	11	37	2	1	9	26	-	-	-	-
New York	2	1	5	30	2	1	4	20	-	-	-	-
New Jersey	-	-	4	5	-	-	3	5	-	-	-	-
Pennsylvania	-	-	2	2	-	-	2	1	-	-	-	-
EAST NORTH CENTRAL	-	1	17	30	-	-	11	9	-	1	9	1
Ohio	-	-	8	15	-	-	4	3	-	-	1	-
Indiana	-	-	2	-	-	-	2	-	-	-	1	-
Illinois	-	-	3	4	-	-	3	3	-	-	5	1
Michigan	-	1	1	9	-	-	1	3	-	1	2	-
Wisconsin	-	-	3	2	-	-	1	-	-	-	-	-
WEST NORTH CENTRAL	-	1	4	14	-	1	3	8	-	-	1	7
Minnesota	-	-	1	8	-	-	1	6	-	-	1	-
Iowa	-	-	1	3	-	-	-	1	-	-	-	4
Missouri	-	1	-	2	-	1	-	1	-	-	-	-
North Dakota	-	-	-	-	-	-	-	-	-	-	-	-
South Dakota	-	-	-	1	-	-	-	-	-	-	-	-
Nebraska	-	-	2	-	-	-	2	-	-	-	-	1
Kansas	-	-	-	-	-	-	-	-	-	-	-	2
SOUTH ATLANTIC	-	1	13	43	-	-	9	35	-	1	-	-
Delaware	-	-	2	-	-	-	1	-	-	-	-	-
Maryland	-	-	-	1	-	-	-	-	-	-	-	-
District of Columbia	-	-	-	-	-	-	-	-	-	-	-	-
Virginia	-	-	-	-	-	-	-	-	-	-	-	-
West Virginia	-	-	2	3	-	-	1	3	-	-	-	-
North Carolina	-	-	3	13	-	-	2	13	-	-	-	-
South Carolina	-	-	1	2	-	-	1	2	-	-	-	-
Georgia	-	1	2	3	-	-	2	2	-	1	-	-
Florida	-	-	3	21	-	-	2	15	-	-	-	-
EAST SOUTH CENTRAL	-	-	14	8	-	-	3	7	-	-	3	1
Kentucky	-	-	13	6	-	-	2	5	-	-	1	-
Tennessee	-	-	-	-	-	-	-	-	-	-	1	1
Alabama	-	-	-	1	-	-	-	1	-	-	1	-
Mississippi	-	-	1	1	-	-	1	1	-	-	-	-
WEST SOUTH CENTRAL	1	3	16	21	1	1	7	16	-	2	3	-
Arkansas	-	-	1	-	-	-	-	-	-	-	-	-
Louisiana	-	-	4	5	-	-	2	4	-	-	-	-
Oklahoma	-	-	-	1	-	-	-	1	-	-	-	-
Texas	1	3	11	15	1	1	5	11	-	2	3	-
MOUNTAIN	-	-	16	14	-	-	10	8	-	-	2	-
Montana	-	-	1	4	-	-	1	3	-	-	-	-
Idaho	-	-	3	4	-	-	1	1	-	-	-	-
Wyoming	---	-	---	1	---	-	---	-	---	-	---	---
Colorado	-	-	3	1	-	-	3	1	-	-	1	-
New Mexico	-	-	1	1	-	-	-	-	-	-	1	-
Arizona	-	-	2	2	-	-	1	2	-	-	-	-
Utah	-	-	6	1	-	-	4	1	-	-	-	-
Nevada	-	-	-	-	-	-	-	-	-	-	-	-
PACIFIC	-	6	33	78	-	6	24	66	-	-	10	-
Washington	-	-	2	6	-	-	-	6	-	-	1	-
Oregon	-	-	2	12	-	-	1	8	-	-	-	-
California	-	5	28	58	-	5	22	50	-	-	9	-
Alaska	-	-	-	-	-	-	-	-	-	-	-	-
Hawaii	-	1	1	2	-	1	1	2	-	-	-	-
Puerto Rico	-	17	2	68	-	16	2	66	-	1	-	-

Table 2. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES, EACH DIVISION AND STATE, AND PUERTO RICO, FOR WEEKS ENDED APRIL 23, 1960 AND APRIL 22, 1961 - Continued

(By place of occurrence. Numbers under diseases are category numbers of the Seventh Revision of the International Lists, 1955)

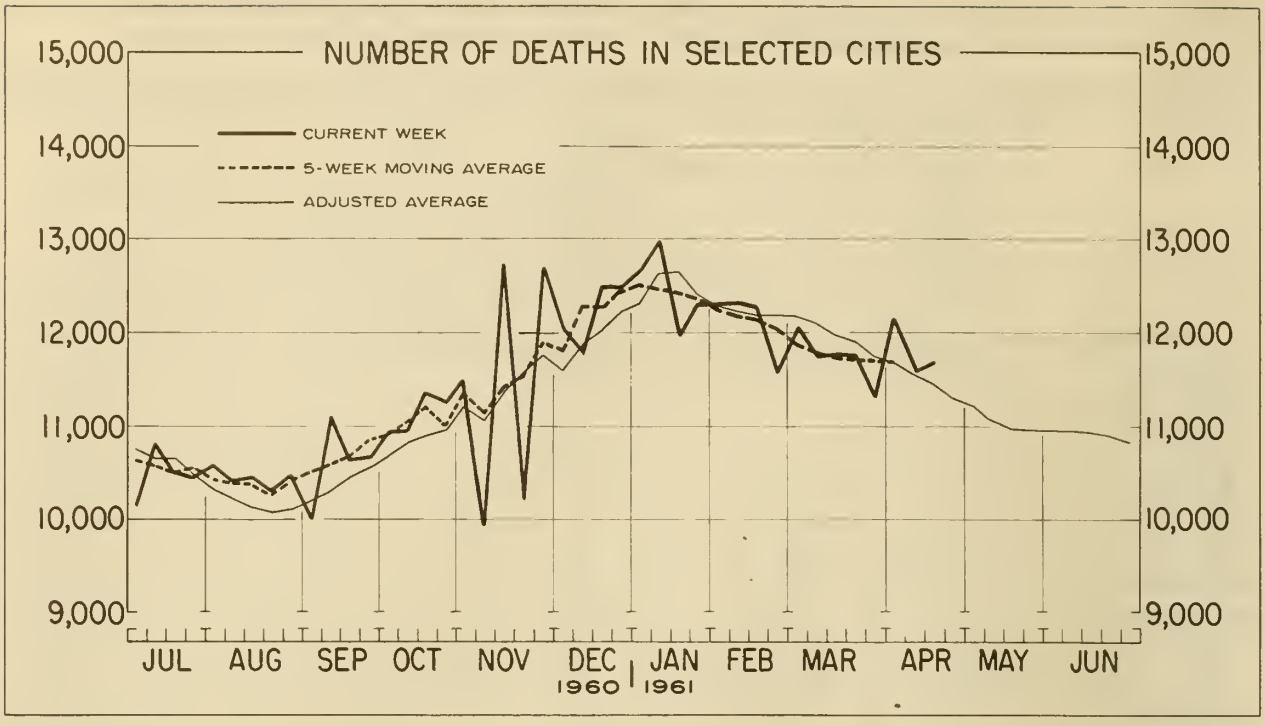
Area	Diphtheria 055				Encephalitis, infectious		Hepatitis, infectious, and serum 092,N998.5 pt.				Measles	
	16th Week		Cumulative, first 16 weeks		082		16th Week		Cumulative, first 16 weeks		085	
	1961	1960	1961	1960	1961	1960	1961	1960	1961	1960	1961	1960
UNITED STATES	7	8	229	251	21	31	1,821	810	28,633	12,377	17,580	18,619
NEW ENGLAND	1	-	3	7	1	-	32	18	788	386	1,433	2,028
Maine	-	-	-	2	-	-	1	2	40	29	47	142
New Hampshire	-	-	-	-	-	-	3	-	50	11	123	5
Vermont	-	-	-	-	-	-	3	-	111	6	40	137
Massachusetts	1	-	3	4	-	-	8	10	266	201	711	980
Rhode Island	-	-	-	1	-	-	11	4	113	70	204	80
Connecticut	-	-	-	-	1	-	6	2	208	69	308	684
MIDDLE ATLANTIC	1	-	10	7	6	9	311	105	4,241	1,227	3,233	2,416
New York	-	-	3	1	2	7	125	46	1,712	615	1,151	1,806
New Jersey	-	-	-	1	4	-	53	18	1,035	102	853	473
Pennsylvania	1	-	7	5	-	2	133	39	1,494	510	1,229	137
EAST NORTH CENTRAL	-	-	7	22	1	7	401	136	5,537	2,429	5,360	5,723
Ohio	-	-	1	14	-	2	148	44	2,123	751	916	627
Indiana	-	-	1	3	-	2	74	11	948	347	361	488
Illinois	-	-	4	2	1	1	74	23	878	504	700	1,077
Michigan	-	-	1	3	-	1	103	54	1,455	700	1,445	1,720
Wisconsin	-	-	-	-	-	1	2	4	133	127	1,938	1,811
WEST NORTH CENTRAL	-	-	16	13	-	1	201	80	2,937	1,093	504	285
Minnesota	-	-	7	3	-	-	39	3	671	102	32	40
Iowa	-	-	1	2	-	1	64	5	821	201	196	143
Missouri	-	-	-	2	-	-	42	30	662	400	132	5
North Dakota	-	-	2	1	-	-	8	6	60	89	134	87
South Dakota	-	-	5	4	-	-	4	14	111	109	-	-
Nebraska	-	-	1	-	-	-	31	9	299	92	10	10
Kansas	-	-	-	1	-	-	13	13	313	100	NN	NN
SOUTH ATLANTIC	2	3	43	56	3	3	210	85	3,477	1,474	1,781	951
Delaware	-	-	-	-	-	-	6	8	99	70	53	13
Maryland	-	1	1	1	-	1	34	7	323	148	155	142
District of Columbia	-	-	2	-	-	-	5	-	38	11	43	44
Virginia	-	-	7	8	-	-	30	10	432	304	510	236
West Virginia	-	-	1	1	-	-	32	15	790	290	358	136
North Carolina	-	-	5	2	1	-	56	4	796	101	198	7
South Carolina	1	1	1	14	-	-	4	1	217	31	131	131
Georgia	-	1	8	9	-	1	9	11	373	127	38	29
Florida	1	-	18	21	2	1	34	29	409	392	295	213
EAST SOUTH CENTRAL	-	1	8	29	2	1	258	119	4,794	1,935	1,124	1,788
Kentucky	-	-	3	-	-	1	81	45	1,381	835	434	520
Tennessee	-	-	2	5	-	-	97	39	2,007	600	589	1,015
Alabama	-	-	1	16	-	-	43	25	785	362	47	133
Mississippi	-	1	2	8	2	-	37	10	621	138	54	120
WEST SOUTH CENTRAL	3	3	137	88	1	-	114	70	1,991	949	689	2,398
Arkansas	-	-	1	1	-	-	27	3	419	43	29	188
Louisiana	-	1	13	21	-	-	18	-	165	33	1	27
Oklahoma	-	-	2	5	-	-	18	9	143	145	16	51
Texas	3	2	121	61	1	-	51	58	1,264	728	643	2,132
MOUNTAIN	-	1	5	28	-	-	103	69	1,835	1,043	734	1,122
Montana	-	-	2	2	-	-	3	-	194	44	15	65
Idaho	-	-	-	11	-	-	3	5	98	145	46	103
Wyoming	---	-	-	5	---	-	---	-	74	8	---	1
Colorado	-	-	3	2	-	-	48	25	627	326	147	485
New Mexico	-	1	-	3	-	-	11	6	251	173	NN	-
Arizona	-	-	-	2	-	-	11	22	197	233	481	258
Utah	-	-	-	3	-	-	27	10	338	96	39	191
Nevada	-	-	-	-	-	-	-	1	56	18	6	19
PACIFIC	-	-	-	1	7	10	191	130	3,033	1,841	2,722	1,908
Washington	-	-	-	-	-	-	25	9	412	211	265	479
Oregon	-	-	-	-	-	-	25	22	538	357	168	372
California	-	-	-	-	7	10	136	77	1,945	1,136	2,276	817
Alaska	-	-	-	1	-	-	4	22	116	100	9	74
Hawaii	-	-	-	-	-	-	1	-	22	37	4	166
Puerto Rico	3	3	29	67	-	-	12	16	197	330	16	25

NN-Not Notifiable

Table 2. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES, EACH DIVISION AND STATE, AND PUERTO RICO, FOR WEEKS ENDED APRIL 23, 1960 AND APRIL 22, 1961 Continued

(By place of occurrence. Numbers under diseases are category numbers of the Seventh Revision of the International Lists, 1955)

Area	Malaria 110-117	Meningoccocal infections 057		Psittacosis 096.2	Streptococcal sore throat, etc. 050,051	Typhoid fever 040				Typhus fever, endemic 101	Rabies in animals	
						16th Week		Cumulative, first 16 weeks				
	1961	1961	1960	1961	1961	1961	1960	1961	1960	1961	1961	1960
UNITED STATES	1	46	35	1	8,161	14	10	155	161	-	79	80
NEW ENGLAND	-	4	1	-	683	2	-	6	2	-	-	-
Maine	-	-	-	-	33	-	-	1	-	-	-	-
New Hampshire	-	-	-	-	10	-	-	-	-	-	-	-
Vermont	-	-	-	-	52	-	-	-	-	-	-	-
Massachusetts	-	2	-	-	191	-	-	1	2	-	-	-
Rhode Island	-	1	1	-	94	-	-	1	-	-	-	-
Connecticut	-	1	-	-	303	2	-	3	-	-	-	-
MIDDLE ATLANTIC	-	9	4	-	748	3	1	11	7	-	2	21
New York	-	4	2	-	381	2	1	5	5	-	2	20
New Jersey	-	3	2	-	149	-	-	1	-	-	-	-
Pennsylvania	-	2	-	-	218	1	-	5	2	-	-	1
EAST NORTH CENTRAL	-	8	9	-	1,134	-	-	21	21	-	11	4
Ohio	-	-	2	-	328	-	-	6	1	-	4	1
Indiana	-	1	1	-	205	-	-	2	7	-	1	-
Illinois	-	4	2	-	137	-	-	11	4	-	5	2
Michigan	-	3	4	-	261	-	-	1	5	-	1	-
Wisconsin	-	-	-	-	203	-	-	1	4	-	-	1
WEST NORTH CENTRAL	-	3	3	-	291	-	-	12	9	-	12	10
Minnesota	-	-	1	-	5	-	-	4	1	-	1	4
Iowa	-	-	-	-	30	-	-	1	-	-	6	-
Missouri	-	1	-	-	50	-	-	5	7	-	4	5
North Dakota	-	1	-	-	131	-	-	-	-	-	-	1
South Dakota	-	-	-	-	2	-	-	-	1	-	-	-
Nebraska	-	1	1	-	2	-	-	-	-	-	-	-
Kansas	-	-	1	-	71	-	-	2	-	-	1	-
SOUTH ATLANTIC	1	11	7	-	623	3	1	28	21	-	12	10
Delaware	-	-	-	-	17	-	-	-	-	-	-	-
Maryland	-	3	2	-	23	-	-	-	-	-	-	-
District of Columbia	-	3	-	-	1	-	-	1	1	-	-	-
Virginia	-	2	3	-	202	1	-	1	3	-	9	7
West Virginia	-	1	-	-	178	-	-	4	1	-	3	2
North Carolina	1	1	-	-	33	-	-	6	7	-	-	-
South Carolina	-	1	-	-	22	-	-	2	6	-	-	-
Georgia	-	-	2	-	3	2	-	12	-	-	-	-
Florida	-	-	-	-	144	-	1	2	3	-	-	1
EAST SOUTH CENTRAL	-	2	3	-	1,624	-	1	20	30	-	13	8
Kentucky	-	1	2	-	415	-	1	4	11	-	6	1
Tennessee	-	1	-	-	1,170	-	-	14	17	-	7	4
Alabama	-	-	1	-	8	-	-	2	2	-	-	3
Mississippi	-	-	-	-	31	-	-	-	-	-	-	-
WEST SOUTH CENTRAL	-	3	1	-	910	4	5	24	45	-	19	18
Arkansas	-	1	-	-	4	1	1	3	15	-	6	5
Louisiana	-	2	1	-	3	-	-	3	12	-	1	1
Oklahoma	-	-	-	-	63	-	-	2	2	-	-	-
Texas	-	-	-	-	840	3	4	16	16	-	12	12
MOUNTAIN	-	-	1	-	1,375	-	1	14	11	-	-	3
Montana	-	-	-	-	34	-	-	1	5	-	-	-
Idaho	-	-	-	-	96	-	-	-	-	-	-	-
Wyoming	---	---	-	---	---	---	-	-	1	---	---	-
Colorado	-	-	1	-	525	-	-	5	-	-	-	-
New Mexico	-	-	-	-	329	-	-	3	4	-	-	2
Arizona	-	-	-	-	171	-	1	2	1	-	-	1
Utah	-	-	-	-	180	-	-	2	-	-	-	-
Nevada	-	-	-	-	40	-	-	1	-	-	-	-
PACIFIC	-	6	6	1	773	2	1	19	15	-	10	6
Washington	-	-	1	-	292	-	-	1	-	-	-	-
Oregon	-	1	-	-	55	-	-	-	-	-	-	-
California	-	5	5	1	369	2	1	18	15	-	10	6
Alaska	-	-	-	-	52	-	-	-	-	-	-	-
Hawaii	-	-	-	-	5	-	-	-	-	-	-	-
Puerto Rico	-	1	1	-	1	-	-	6	14	-	-	3



The chart shows the number of deaths reported for 117 major cities of the United States by week for the current year, a 5-week moving average of these figures plotted at the central week, and an adjusted average for comparison. For each region the adjusted average was computed as follows: From the total deaths reported each week for the years 1956-1960, 3 central figures were selected by eliminating the highest and lowest figure reported for that week. A 5-week moving average of the arithmetic mean of the 3 central figures was then computed with adjustment to allow for population growth in each region. The average value of the regional increases was 2 percent which was incorporated in the adjusted average shown in the chart.

Table 4 shows the number of death certificates received during the week indicated for deaths that occurred in selected cities. Figures compiled in this way, by week of receipt, usually approximate closely the number of deaths occurring during the week. However, differences are to be expected because of variations in the interval between death and receipt of the certificate and because of incomplete reporting due to holidays or vacations. If a report is not received from a city in time to be included in the total for the current week, an estimate is used.

The number of deaths in cities of the same size may also differ because of variations in the age, race, and sex composition of the populations and because some cities are hospital centers serving the surrounding areas. Changes from year to year in the number of deaths may be due in part to population increases or decreases.

Table 3. DEATHS IN SELECTED CITIES BY GEOGRAPHIC DIVISIONS

(By place of occurrence and week of filing certificate. Excludes fetal deaths. Data exclude figures shown in parentheses in table 4)

Area	16th week ended April 22, 1961	15th week ended April 15, 1961	Adjusted average, 16th week 1956-60	Percent change, adjusted average to current week	Cumulative, first 16 weeks		
					1961	1960	Percent change
TOTAL, 117 REPORTING CITIES	11,688	11,584	11,449	+2.1	192,589	202,888	-5.1
New England (14 cities)	689	745	686	+0.4	11,818	12,880	-8.2
Middle Atlantic (20 cities)	3,331	3,229	3,208	+3.8	55,305	55,374	-0.1
East North Central (21 cities)	2,487	2,553	2,427	+2.5	40,523	43,536	-6.9
West North Central (9 cities)	816	811	813	+0.4	12,955	14,065	-7.9
South Atlantic (11 cities)	1,007	1,031	965	+4.4	16,620	17,952	-7.4
East South Central (8 cities)	487	499	514	-5.3	8,839	9,409	-6.1
West South Central (13 cities)	1,029*	1,031	1,004	+2.5	16,632	18,013	-7.7
Mountain (8 cities)	380	326	365	+4.1	6,159	6,229	-1.1
Pacific (13 cities)	1,462	1,359	1,467	-0.3	23,738	25,430	-6.7

*Includes estimate for missing reports.

Table 4. DEATHS IN SELECTED CITIES

(By place of occurrence and week of filing certificate. Excludes fetal deaths)

Area	16th week ended April 22, 1961	15th week ended April 15, 1961	Cumulative, first 16 weeks	
			1961	1960
NEW ENGLAND:				
Boston, Mass.	251	249	4,066	4,504
Bridgeport, Conn.	41	42	641	714
Cambridge, Mass.	36	35	501	559
Fall River, Mass.	27	28	441	531
Hartford, Conn.	48	56	776	820
Lowell, Mass.	22	20	396	421
Lynn, Mass.	23	27	377	453
New Bedford, Mass.	25	22	446	439
New Haven, Conn.	44	52	763	785
Providence, R.I.	52	69	1,019	1,128
Somerville, Mass.	11	18	215	267
Springfield, Mass.	48	42	788	829
Waterbury, Conn.	21	27	459	487
Worcester, Mass.	40	58	930	943
MIDDLE ATLANTIC:				
Albany, N.Y.	43	45	780	740
Allentown, Pa.	42	35	572	606
Buffalo, N.Y.	139	144	2,398	2,495
Camden, N.J.	52	50	717	748
Elizabeth, N.J.	30	21	484	515
Erie, Pa.	41	36	656	649
Jersey City, N.J.	99	51	1,162	1,226
Newark, N.J.	105	108	1,734	1,706
New York City, N.Y.	1,712	1,709	28,558	28,023
Paterson, N.J.	37	32	632	684
Philadelphia, Pa.	509	506	8,656	8,578
Pittsburgh, Pa.	186	151	3,128	3,371
Reading, Pa.	21	24	349	418
Rochester, N.Y.	91	80	1,663	1,750
Schenectady, N.Y.	23	22	410	402
Scranton, Pa.	39	41	615	649
Syracuse, N.Y.	69	63	1,006	1,079
Trenton, N.J.	36	41	746	709
Utica, N.Y.	24	33	491	490
Yonkers, N.Y.	33	37	548	536
EAST NORTH CENTRAL:				
Akron, Ohio	61	46	923	958
Canton, Ohio	30	40	511	632
Chicago, Ill.	792	782	12,291	13,392
Cincinnati, Ohio	157	186	2,597	2,818
Cleveland, Ohio	186	203	3,403	3,738
Columbus, Ohio	122	130	1,867	2,093
Dayton, Ohio	82	70	1,357	1,226
Detroit, Mich.	347	308	5,492	5,983
Evansville, Ind.	40	48	602	660
Flint, Mich.	33	46	692	669
Fort Wayne, Ind.	47	32	664	639
Gary, Ind.	19	34	495	523
Grand Rapids, Mich.	34	54	739	703
Indianapolis, Ind.	143	159	2,432	2,546
Madison, Wis.	30	20	504	536
Milwaukee, Wis.	118	130	1,996	2,170
Peoria, Ill.	32	37	488	512
Rockford, Ill.	25	34	461	483
South Bend, Ind.	30	41	463	499
Toledo, Ohio	88	99	1,611	1,772
Youngstown, Ohio	71	54	935	984
WEST NORTH CENTRAL:				
Des Moines, Iowa	61	54	856	950
Duluth, Minn.	21	25	427	433
Kansas City, Kans.	37	39	641	610
Kansas City, Mo.	79	118	2,041	2,255
Lincoln, Nebr.	(31)	(18)	(468)	(420)
Minneapolis, Minn.	140	115	2,030	2,101
Omaha, Nebr.	69	74	1,156	1,309
WEST NORTH CENTRAL—Con.:				
St. Louis, Mo.	292	254	3,970	4,443
St. Paul, Minn.	63	80	1,096	1,199
Wichita, Kans.	54	52	738	765
SOUTH ATLANTIC:				
Atlanta, Ga.	105	119	1,920	2,056
Baltimore, Md.	293	255	4,196	4,575
Charlotte, N.C.	19	33	586	766
Jacksonville, Fla.	63	58	985	1,112
Miami, Fla.	75	66	1,241	1,308
Norfolk, Va.	42	62	818	767
Richmond, Va.	62	80	1,313	1,445
Savannah, Ga.	26	31	563	665
St. Petersburg, Fla.	(72)	(74)	(1,271)	(1,357)
Tampa, Fla.	77	89	1,149	1,182
Washington, D.C.	208	192	3,200	3,393
Wilmington, Del.	37	46	649	683
EAST SOUTH CENTRAL:				
Birmingham, Ala.	78	93	1,468	1,541
Chattanooga, Tenn.	51	53	835	841
Knoxville, Tenn.	25	16	463	524
Louisville, Ky.	82	93	1,858	2,005
Memphis, Tenn.	141	105	1,999	2,056
Mobile, Ala.	33	44	681	752
Montgomery, Ala.	17	28	531	614
Nashville, Tenn.	60	67	1,004	1,076
WEST SOUTH CENTRAL:				
Austin, Tex.	35	30	560	646
Baton Rouge, La.	32	35	481	532
Corpus Christi, Tex.	16	18	398	453
Dallas, Tex.	107	122	2,046	2,170
El Paso, Tex.	39	35	616	682
Fort Worth, Tex.	69*	56	1,108	1,171
Houston, Tex.	172*	169	2,856	2,957
Little Rock, Ark.	77	54	927	1,075
New Orleans, La.	164	203	2,803	3,213
Oklahoma City, Okla.	84	73	1,287	1,329
San Antonio, Tex.	127	116	1,740	1,840
Shreveport, La.	57	55	879	911
Tulsa, Okla.	50	65	931	1,034
MOUNTAIN:				
Albuquerque, N. Mex.	45	15	525	528
Colorado Springs, Colo.	12	16	269	292
Denver, Colo.	104	127	1,934	2,061
Ogden, Utah	13	20	254	289
Phoenix, Ariz.	104	57	1,419	1,346
Pueblo, Colo.	19	16	269	249
Salt Lake City, Utah	39	44	804	838
Tucson, Ariz.	44	31	685	626
PACIFIC:				
Berkeley, Calif.	10	17	269	301
Fresno, Calif.	(47)	(54)	(723)	(824)
Glendale, Calif.	(31)	(36)	(540)	(680)
Honolulu, Hawaii	43	37	663	708
Long Beach, Calif.	65	63	976	942
Los Angeles, Calif.	508	461	8,507	9,273
Oakland, Calif.	90	99	1,592	1,698
Pasadena, Calif.	31	39	547	619
Portland, Oreg.	133	109	1,703	1,888
Sacramento, Calif.	55	60	1,023	1,022
San Diego, Calif.	108	81	1,489	1,595
San Francisco, Calif.	193	185	3,380	3,428
San Jose, Calif.	(37)	(44)	(580)	(517)
Seattle, Wash.	129	137	2,186	2,403
Spokane, Wash.	45	39	734	800
Tacoma, Wash.	52	32	669	753
San Juan, P. R.	(25)	(34)	(547)	(580)

*Estimate - based on average percentage of divisional total.

() Figures shown in parenthesis are from cities which have been reporting less than five years and hence are not included in Table 3.

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the crew members. The ship had been in New York City on March 10. Mild influenza A_2 outbreaks had been reported there at that time (Vol. 10, No. 13). Throat washings and sera were obtained on March 18th, from those who had been ill as the ship was in transit through the Panama Canal. Dr. Alexis Shelokov, Director, Middle America Research Unit, reported that no isolates were obtained from the throat washings submitted. By complement fixation test, there was evidence in 12 of 14 bloods of recent infection by influenza type A. There was also evidence of infection with influenza type B within the past 6 to 12 months.

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SOURCE AND NATURE OF MORBIDITY DATA

These provisional data are based on reports to the Public Health Service from the health departments of each State and Puerto Rico. They give the total number of cases of certain communicable diseases reported during the week usually ended the preceding Saturday. Total figures for the United States and the Pacific Division include data for the States of Alaska and Hawaii. Cases of anthrax, botulism, and rabies in man are not shown in table 2, but a footnote to table 1 shows the States reporting these diseases. When diseases of rare occurrence are reported by a State (cholera, dengue, plague, louse-borne relapsing fever, smallpox, louse-borne epidemic typhus, and yellow fever) this is noted below table 1.

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